

# 2008 Pierce's Disease Research Symposium

December 15 – 17, 2008

## <<< Symposium Program>>>

### Monday, December 15

- 3:00 p.m. Registration Desk Opens (California Foyer, 2nd floor)  
Poster Set-up Begins (Garden Pavilion, 4th floor)
- 6:00 p.m. Registration Desk Closes  
Poster Set-up Ends

### Tuesday, December 16

- 7:40 a.m. Registration Desk Opens (California Foyer, 2nd floor)
- 8:25 a.m. Call to Order (California Ballroom, 2nd floor)  
*Bob Wynn*
- 8:27 a.m. Welcome  
*Bob Atkins, Agricultural Commissioner, San Diego County*
- 8:45 a.m. Opening Remarks  
*Bob Wynn*
- 8:50 a.m. **GENERAL PRESENTATIONS**  
(California Ballroom, 2nd floor) --- Moderator: *Roger Innes*
- 8:55 a.m. Specialty Crop Regulatory Assistance Program  
*Kellye Eversole*
- 9:25 a.m. PIPRA Update  
*Kyle Jensen*
- 9:55 a.m. PD/GWSS Outreach Update  
*Ken Freeze*
- 10:05 a.m. **BREAK** (California Ballroom foyer, 2nd floor)
- 10:25 a.m. **POSTER SESSION 1** (Garden Pavilion, 4th floor)
- 11:55 a.m. **LUNCH** (California Ballroom, 2nd floor)

### Tuesday, December 16 (continued)

- 12:55 p.m. **SESSION 1: VECTOR BIOLOGY AND ECOLOGY**  
(California Ballroom, 2nd floor) --- Moderator: *Rodrigo Krugner*
- Project Reports
- 1:00 p.m. Cool Weather Impacts on Glassy-winged Sharpshooter: A Ten-Year Perspective  
*Marshall Johnson*
- 1:20 p.m. Effects of Host Plant on the Egg Maturation Dynamics of the Glassy-winged Sharpshooter  
*Mark Sisterson*
- 1:40 p.m. **SESSION 2: VECTOR MANAGEMENT**  
(California Ballroom, 2nd floor) --- Moderator: *David Morgan*
- 1:45 p.m. Panel Discussion  
Are Glassy-winged Sharpshooter Populations on the Upswing, and If So, What Can Be Done About It?  
*Mark Sisterson, Drake Stenger, Judy Stewart-Leslie, & Beth Stone-Smith*
- Project Reports
- 2:55 p.m. RNA Interference Activity in Glassy-winged Sharpshooter Cells and Whole Insects  
*Bryce Falk*
- 3:15 p.m. Non-Hosts of *Xylella fastidiosa* that Sharpshooters Would Die For  
*Joao Lopes*
- 3:35 p.m. **ROUNDTABLE DISCUSSION SESSION 1**  
(California Ballroom, 2nd floor) -- Moderator: *George Bruening*  
Topics:  
A. Glassy-winged Sharpshooter Host Cues  
B. Best Parasitoids Against the Glassy-winged Sharpshooter  
C. Collection and Use of Glassy-winged Sharpshooter Trap Data  
D. Glassy-winged Sharpshooter Management  
E. *Xylella fastidiosa* Success Genes  
F. Developing a Trap Crop System  
G. Open Topic
- 4:35 p.m. **POSTER SESSION 2** (Garden Pavilion, 4th floor)
- 6:05 p.m. Poster Session Ends
- 7:00 p.m. Poster Room Closes

## Wednesday, December 17

- 7:30 a.m. Registration Desk Opens (California Foyer, 2nd floor)
- 8:00 a.m. **SESSION 3: PATHOGEN BIOLOGY AND ECOLOGY**  
(California Ballroom, 2nd floor) --- Moderator: Adam Bogdanove
- 8:05 a.m. Panel Discussion  
  
What Makes *Xylella fastidiosa* Virulent?  
Dean Gabriel, Harvey Hoch, Michele Igo, & Bruce Kirkpatrick
- Project Reports
- 9:15 a.m. Control of Gene Expression in *Xylella fastidiosa*  
Don Cooksey
- 9:35 a.m. *Xylella fastidiosa* Genome Sequencing: Current Status and New Insights  
Ed Civerolo
- 9:55 a.m. **BREAK** (California Foyer, 2nd floor)
- 10:15 a.m. **SESSION 4: PATHOGEN AND DISEASE MANAGEMENT**  
(California Ballroom, 2nd floor) --- Moderator: George Bruening
- Opening Presentation
- 10:20 a.m. A Review and Critique of Current and Past Cultural and Chemical Approaches to Managing Pierce's Disease  
Bruce Kirkpatrick
- 10:50 a.m. Panel Discussion  
  
Can Transgene Research Mitigate Pierce's Disease?  
Abhaya Dandekar, David Gilchrist, John Labavitch, & Steve Lindow
- 12:00 noon **LUNCH** (California Ballroom, 2nd floor)
- Project Reports
- 1:00 p.m. Creating *Xylella*-Resistant Grapevines by Conventional Breeding  
Andy Walker
- 1:20 p.m. Biological Control of Pierce's Disease: Influence of Grape Genotype, Plant Growth Stage, and Geographic Area  
Don Hopkins

## Wednesday, December 17 (continued)

- 1:40 p.m. **ROUNDTABLE DISCUSSION SESSION 2**  
(California Ballroom, 2nd floor) -- Moderator: George Bruening  
Topics:  
H. Simultaneous Use of Insecticides and Parasitoids  
I. Stopping *Xylella fastidiosa* Colonization of Insect Vectors  
J. Mechanism of Scorch Development  
K. *Xylella fastidiosa* Reservoirs  
L. Grapevine Transgenic Resistance  
M. *Xylella fastidiosa* Virulence  
N. Open Topic
- 2:40 p.m. **SESSION 5: CROP BIOLOGY AND DISEASE EPIDEMIOLOGY**  
(California Ballroom, 2nd floor) --- Moderator: Carmen Gispert
- Project Reports
- 2:45 p.m. *Xylella fastidiosa* Ecology: Thinking Outside the Monomorphic Box  
Rodrigo Almeida
- 3:05 p.m. Epidemiology of Pierce's Disease in Texas Vineyards  
David Appel
- 3:25 p.m. **SESSION 6: ECONOMICS**  
(California Ballroom, 2nd floor) --- Moderator: Nancy Irelan
- Project Reports
- 3:30 p.m. The Economics of Pierce's Disease in California  
Karen Jetter
- 3:50 p.m. **CLOSING**  
(California Ballroom, 2nd floor) --- Moderator: Bob Wynn
- 3:55 p.m. Report from Roundtable Discussions  
George Bruening
- 4:05 p.m. Closing Comments  
Bob Wynn
- 4:15 p.m. Adjournment